

## INTERNATIONAL SEARCH REPORT

 International Application No.  
 PCT/US 02/21993

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04J11/00 H04L1/06 H0487/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Maximum documentation searched (classification system followed by classification symbols)

IPC 7 H04J H04L H04B

Documentation searched other than maximum documentation to the extent that such documents are disclosed in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 08861 A (TERAYON CORP) 6 March 1997 (1997-03-06)	1, 3-8, 18, 20-25
Y	page 53, line 16 -page 54, line 2  page 55, line 16 -page 56, line 28; figures 19, 28A page 64, line 17 -page 65, line 7 page 70, line 15 -page 73, line 10; figures 21, 23, 24 page 140, line 4 -page 141, line 29; figures 50, 51  ----- -/-	2, 9-17, 19, 26-34

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 781 542 A (SAITO TATSUNORI ET AL) 14 July 1998 (1998-07-14) column 1, line 1 - line 14  column 1, line 45 - column 2, line 14 column 9, line 60 - column 10, line 53; figure 5	1-6, 8, 18-23, 25 7, 9-17, 24, 26-34
Y	THOMPSON J S ET AL: "Downlink transmit diversity schemes for CDMA networks" IEE PROCEEDINGS: COMMUNICATIONS, INSTITUTION OF ELECTRICAL ENGINEERS, GB, vol. 147, no. 6, 11 December 2000 (2000-12-11), pages 371-380, XP006013998 ISSN: 1350-2425 paragraphs '0002!', '0003!	2, 9-17, 19, 26-34
A	US 5 729 570 A (MAGILL DAVID T) 17 March 1998 (1998-03-17) column 1, line 66 - column 2, line 35 column 3, line 14 - line 54; claims 1-7; figure 2	1-34

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Information on patent family members

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